Depth 6	Contents 7	Reference to last Measurement 8
work done SPot		
	Ashwath Kattle	
ayout	Ashwath	Kattle Road →

First & Final Bill

BR-175 | 30-6-14

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192653

Serial No.....

Name of work..Desilting of drains by Engaging Tractor and Labour in ward No-10. Ramachandrapura Area, Vidyaranyapura Sub-division From.....To.....

Name of Contractor of nature of Agency.....Sri. R. Madhusudan.

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Work code NO:	010-13-000022.					
	Agreement NO:	92	Dated 26-07-2013				
	Work order NO:	EE/BTP/BBMP/F-TND/92/2013-14, Date 26-07-2013.					
	Address of Agency:	#830, 5th Block BEL L/O, Vidyaranyapura Bangalore					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m excavated surface, leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications	2	30.00	$0.60\ (\frac{0.45+0.30}{2})$		$= 13.50$ Cum	
		2	30.00	$0.60\ (\frac{0.30+0.35}{2})$		$= 11.70$ Cum	
		2	30.00	$0.60\ (\frac{0.35+0.45}{2})$		$= 14.40$ Cum	
		2	30.00	$0.60\ (\frac{0.45+0.45}{2})$		$= 16.20$ Cum	
		2	29.50	$0.60\ (\frac{0.45+0.30}{2})$		$= 13.28$ Cum	
		2	30.00	$0.60\ (\frac{0.30+0.35}{2})$		$= 11.70$ Cum	
		2	30.00	$0.60\ (\frac{0.35+0.45}{2})$		$= 14.40$ Cum	
		2	30.00	$0.60\ (\frac{0.45+0.40}{2})$		$= 15.30$ Cum	
		2	30.00	$0.60\ (\frac{0.40+0.35}{2})$		$= 13.50$ Cum	
		2	29.50	$0.60\ (\frac{0.35+0.45}{2})$		$= 14.16$ Cum	

C&RC

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2

Depth 6	Contents 7	Reference to last Measurement 8
ordinary soil involving an average lift upto 0.5m.		
...ndly dressed, the disposed ...ng of clods etc complete		
...5+0.30) = 13.50 Cum		
...+0.35) = 11.70 Cum		
...+0.45) = 14.40 Cum		
...5+0.45) = 16.20 Cum		
...5+0.30) = 13.28 Cum		
...0+0.35) = 11.70 Cum		
...5+0.45) = 14.40 Cum		
...5+0.40) = 15.30 Cum		
...+0.35) = 13.50 Cum		
...5+0.45) = 14.40 Cum		

C/F C/F

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192660

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		2	30.00	0.60	(0.30+0.35)/2	= 11.70 Cum	
		2	30.00	0.60	(0.35+0.45)/2	= 14.40 Cum	
		2	30.00	0.60	(0.45+0.40)/2	= 15.30 Cum	
		2	30.00	0.60	(0.4+0.35)/2	= 13.50 Cum	
		2	22.30	0.60	(0.35+0.45)/2	= 10.68 Cum	
		2	30.00	0.60	(0.45+0.30)/2	= 13.50 Cum	
		2	30.00	0.60	(0.30+0.35)/2	= 11.70 Cum	
		2	30.00	0.60	(0.35+0.45)/2	= 14.40 Cum	

C/F C/F

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	$0.60\left(\frac{0.45+0.45}{2}\right)$		= 16.20 Cum	
		2	22.20	$0.60\left(\frac{0.45+0.30}{2}\right)$		= 9.99 Cum	
		2	30.00	$0.60\left(\frac{0.35+0.45}{2}\right)$		= 14.40 Cum	
		2	30.00	$0.60\left(\frac{0.45+0.40}{2}\right)$		= 15.30 Cum	
		2	30.00	$0.60\left(\frac{0.40+0.40}{2}\right)$		= 14.40 Cum	
		2	25.30	$0.60\left(\frac{0.40+0.30}{2}\right)$		= 10.63 Cum	
		2	30.00	$0.60\left(\frac{0.30+0.45}{2}\right)$		= 13.50 Cum	
		2	30.00	$0.60\left(\frac{0.40+0.40}{2}\right)$		= 14.40 Cum	
		2	30.00	$0.60\left(\frac{0.40+0.30}{2}\right)$		= 12.60 Cum	
		2	30.00	$0.60\left(\frac{0.30+0.35}{2}\right)$		= 11.78 Cum	
		2	25.30	$0.60\left(\frac{0.35+0.40}{2}\right)$		= 11.38 Cum	
		2	30.00	$0.60\left(\frac{0.35+0.30}{2}\right)$		= 11.70 Cum	
		2	30.00	$0.60\left(\frac{0.35+0.35}{2}\right)$		= 12.60 Cum	

C/F C/F 7

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.

Date of commencement of work.....

Date	Full description, etc, of work
1	2

Depth 6	Contents 7	Reference to last Measurement 8
(0.45+0.45)	= 16.20 Cum	
(0.35+0.30)²	= 9.89 Cum	
(0.35+0.45)²	= 14.40 Cum	
(0.35+0.40)²	= 15.30 Cum	
(0.40+0.40)²	= 14.40 Cum	
(0.40+0.30)²	= 10.63 Cum	
(0.30+0.45)²	= 13.50 Cum	
(0.40+0.40)²	= 14.40 Cum	
(0.30+0.30)²	= 12.60 Cum	
(0.30+0.35)²	= 11.78 Cum	
(0.35+0.40)²	= 11.38 Cum	
(0.30+0.30)²	= 11.70 Cum	
(0.35+0.35)²	= 12.60 Cum	
2		

C&FC ?

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192661

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		2	30.00	0.60	(0.35+0.45)²	= 14.40 Cum	
		2	30.00	0.60	(0.40+0.30)²	= 12.60 Cum	
		2	32.20	0.60	(0.30+0.35)²	= 12.56 Cum	
		2	30.00	0.60	(0.45+0.40)²	= 15.30 Cum	
		2	30.00	0.60	(0.40+0.35)²	= 13.50 Cum	
		2	30.00	0.60	(0.40+0.30)²	= 12.60 Cum	
		2	30.00	0.60	(0.30+0.35)²	= 11.70 Cum	
		2	32.20	0.60	(0.35+0.45)²	= 15.46 Cum	
		2	30.00	0.45	(0.35+0.45)²	= 10.80 Cum	
		2					

C&FC ?

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	0.45	$\frac{(0.45+0.40)}{2}$	= 11.48 Cum	
		2	21.50	0.45	$\frac{(0.40+0.35)}{2}$	= 7.20 Cum	
		2	30.00	0.45	$\frac{(0.35+0.40)}{2}$	= 10.13 Cum	
		2	30.00	0.45	$\frac{(0.40+0.40)}{2}$	= 10.80 Cum	
		2	21.50	0.45	$\frac{(0.40+0.30)}{2}$	= 6.77 Cum	
		2	30.00	0.45	$\frac{(0.30+0.35)}{2}$	= 8.78 Cum	
		2	30.00	0.45	$\frac{(0.35+0.45)}{2}$	= 10.80 Cum	
		2	20.00	0.45	$\frac{(0.45+0.40)}{2}$	= 7.65 Cum	
		2	30.00	0.45	$\frac{(0.40+0.30)}{2}$	= 9.45 Cum	
		2	30.00	0.45	$\frac{(0.30+0.35)}{2}$	= 8.78 Cum	
		2	20.00	0.45	$\frac{(0.35+0.45)}{2}$	= 7.20 Cum	
		2	30.00	0.45	$\frac{(0.45+0.40)}{2}$	= 11.48 Cum	
		2	30.00	0.45	$\frac{(0.40+0.35)}{2}$	= 10.13 Cum	

C&F C

M.A.F

Me

Serial No.....

Name of work.....F

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	
		Number
1	2	3
		2
		2
		2
		2
		2
		2
		2
		2
		2

OK

Depth 6	Contents 7	Reference to last Measurement 8
$\frac{(0.45+0.40)}{2}$	= 11.48 Cum	
$\frac{(0.40+0.35)}{2}$	= 7.20 Cum	
$\frac{(0.35+0.40)}{2}$	= 10.13 Cum	
$\frac{(0.40+0.40)}{2}$	= 10.80 Cum	
$\frac{(0.40+0.30)}{2}$	= 6.77 Cum	
$\frac{(0.30+0.35)}{2}$	= 8.78 Cum	
$\frac{(0.35+0.45)}{2}$	= 10.80 Cum	C/F C
$\frac{(0.45+0.40)}{2}$	= 7.65 Cum	
$\frac{(0.40+0.30)}{2}$	= 9.45 Cum	
$\frac{(0.30+0.35)}{2}$	= 8.78 Cum	
$\frac{(0.35+0.45)}{2}$	= 7.20 Cum	
$\frac{(0.45+0.40)}{2}$	= 11.48 Cum	
$\frac{(0.40+0.35)}{2}$	= 10.13 Cum	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 19

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		2	32.20	0.45	$\frac{(0.35+0.40)}{2}$	= 10.87 Cum	
		2	30.00	0.45	$\frac{(0.40+0.40)}{2}$	= 10.80 Cum	
		2	30.00	0.45	$\frac{(0.40+0.30)}{2}$	= 9.45 Cum	
		2	32.00	0.45	$\frac{(0.30+0.25)}{2}$	= 9.42 Cum	
		2	30.00	0.45	$\frac{(0.35+0.40)}{2}$	= 10.13 Cum	
		2	30.00	0.45	$\frac{(0.40+0.45)}{2}$	= 11.48 Cum	C/F C
		2	32.50	0.45	$\frac{(0.45+0.35)}{2}$	= 11.70 Cum	
		2	30.00	0.45	$\frac{(0.35+0.30)}{2}$	= 8.78 Cum	
		2	30.00	0.45	$\frac{(0.30+0.40)}{2}$	= 9.45 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	32.50	0.45	$\frac{(0.40+0.25)}{2}$	= 10.97 Cum	
		2	30.00	0.45	$\frac{(0.40+0.30)}{2}$	= 9.45 Cum	
		2	30.00	0.45	$\frac{(0.30+0.25)}{2}$	= 8.78 Cum	
		2	18.20	0.45	$\frac{(0.25+0.40)}{2}$	= 6.14 Cum	
		2	30.00	0.45	$\frac{(0.40+0.45)}{2}$	= 11.48 Cum	
		2	30.00	0.45	$\frac{(0.45+0.40)}{2}$	= 11.48 Cum	
		2	18.20	0.45	$\frac{(0.40+0.25)}{2}$	= 6.14 Cum	
		2	30.00	0.45	$\frac{(0.25+0.45)}{2}$	= 10.80 Cum	
		2	30.00	0.45	$\frac{(0.45+0.40)}{2}$	= 11.48 Cum	
		2	18.80	0.45	$\frac{(0.40+0.30)}{2}$	= 5.92 Cum	
		2	30.00	0.45	$\frac{(0.30+0.45)}{2}$	= 10.13 Cum	
		2	30.00	0.45	$\frac{(0.45+0.40)}{2}$	= 11.48 Cum	
		2	18.80	0.45	$\frac{(0.40+0.30)}{2}$	= 5.92 Cum	

L&Tc
P

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2

OK

h	Depth 6	Contents 7	Reference to last Measurement 8
	$\frac{(0.40+0.35)}{2}$	= 10.97 Cum	
	$\frac{(0.40+0.30)}{2}$	= 9.45 Cum	
	$\frac{(0.30+0.35)}{2}$	= 8.78 Cum	
	$\frac{(0.35+0.40)}{2}$	= 6.14 Cum	
	$\frac{(0.40+0.45)}{2}$	= 11.48 Cum	
	$\frac{(0.45+0.40)}{2}$	= 11.48 Cum	
	$\frac{(0.40+0.35)}{2}$	= 6.14 Cum	
	$\frac{(0.35+0.45)}{2}$	= 10.80 Cum	
	$\frac{(0.45+0.40)}{2}$	= 11.48 Cum	
	$\frac{(0.40+0.30)}{2}$	= 5.92 Cum	
	$\frac{(0.30+0.45)}{2}$	= 10.13 Cum	
	$\frac{(0.45+0.40)}{2}$	= 11.48 Cum	
	$\frac{(0.40+0.50)}{2}$	= 5.92 Cum	

L&Fc

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 192663

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		2	30.00	0.45	$\frac{(0.30+0.35)}{2}$ = 8.78 Cum		
		2	30.00	0.45	$\frac{(0.35+0.45)}{2}$ = 10.80 Cum		
		2	30.00	0.45	$\frac{(0.45+0.40)}{2}$ = 11.48 Cum		
		2	22.80	0.45	$\frac{(0.40+0.35)}{2}$ = 7.70 Cum		
		2	30.00	0.45	$\frac{(0.35+0.45)}{2}$ = 10.80 Cum		
		2	30.00	0.45	$\frac{(0.45+0.40)}{2}$ = 11.48 Cum		
		2	30.00	0.45	$\frac{(0.40+0.45)}{2}$ = 11.48 Cum		
		2	22.80	0.45	$\frac{(0.45+0.35)}{2}$ = 8.21 Cum		
		2	30.00	0.45	$\frac{(0.40+0.35)}{2}$ = 10.13 Cum		

L&Fc

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	0.45	(0.35+0.45)^2 = 10.80 Cum		
		2	30.00	0.45	(0.45+0.40)^2 = 11.48 Cum		
		2	22.50	0.45	(0.40+0.35)^2 = 7.59 Cum		
		2	30.00	0.45	(0.35+0.45)^2 = 10.80 Cum		
		2	30.00	0.45	(0.45+0.40)^2 = 11.48 Cum		
		2	30.00	0.45	(0.40+0.30)^2 = 9.45 Cum		Cl Fc
		2	22.50	0.45	(0.30+0.45)^2 = 7.59 Cum		
		2	30.00	0.45	(0.45+0.35)^2 = 10.80 Cum		
		2	30.00	0.45	(0.35+0.30)^2 = 8.78 Cum		
		2	30.00	0.45	(0.30+0.45)^2 = 10.13 Cum		
		2	30.00	0.45	(0.45+0.40)^2 = 11.48 Cum		
		2	28.30	0.45	(0.40+0.35)^2 = 9.55 Cum		
		2	30.00	0.45	(0.35+0.45)^2 = 10.80 Cum		

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work
1	2

Depth 6	Contents 7	Reference to last Measurement 8
$\frac{(0.45+0.45)}{2}$	= 10.80 Cum	
$\frac{(0.45+0.40)}{2}$	= 11.48 Cum	
$\frac{(0.40+0.35)}{2}$	= 7.59 Cum	
$\frac{(0.45+0.45)}{2}$	= 10.80 Cum	
$\frac{(0.45+0.40)}{2}$	= 11.48 Cum	
$\frac{(0.40+0.30)}{2}$	= 9.45 Cum	
$\frac{(0.40+0.45)}{2}$	= 7.59 Cum	
$\frac{(0.45+0.35)}{2}$	= 10.80 Cum	
$\frac{(0.35+0.30)}{2}$	= 8.78 Cum	
$\frac{(0.30+0.45)}{2}$	= 10.13 Cum	
$\frac{(0.45+0.40)}{2}$	= 11.48 Cum	
$\frac{(0.40+0.35)}{2}$	= 9.55 Cum	
$\frac{(0.35+0.45)}{2}$	= 10.80 Cum	

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M.A.R. 57 (Rule 116)

192664

Measurement Book No. A/10

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	30.00	0.45	$\frac{(0.45+0.30)}{2}$	= 10.13 Cum	
		2	30.00	0.45	$\frac{(0.30+0.40)}{2}$	= 9.45 Cum	
		2	30.00	0.45	$\frac{(0.40+0.45)}{2}$	= 11.48 Cum	
		2	30.00	0.45	$\frac{(0.45+0.35)}{2}$	= 10.80 Cum	
		2	28.30	0.45	$\frac{(0.35+0.25)}{2}$	= 7.64 Cum	
		2	30.00	0.45	$\frac{(0.25+0.40)}{2}$	= 8.78 Cum	
		2	30.00	0.45	$\frac{(0.40+0.45)}{2}$	= 11.48 Cum	
		2	30.00	0.45	$\frac{(0.45+0.35)}{2}$	= 10.80 Cum	
		2	20.80	0.45	$\frac{(0.35+0.30)}{2}$	= 6.08 Cum	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	0.60	$\frac{(0.35+0.35)}{2}$	= 12.60 Cum	
		2	30.00	0.60	$\frac{(0.35+0.45)}{2}$	= 14.40 Cum	
		2	30.00	0.60	$\frac{(0.45+0.40)}{2}$	= 15.30 Cum	
		2	20.80	0.60	$\frac{(0.40+0.35)}{2}$	= 9.36 Cum	
		2	30.00	0.45	$\frac{(0.40+0.30)}{2}$	= 9.45 Cum	
		2	30.00	0.45	$\frac{(0.30+0.35)}{2}$	= 8.78 Cum	
		2	30.00	0.45	$\frac{(0.35+0.45)}{2}$	= 10.80 Cum	
		2	18.80	0.45	$\frac{(0.45+0.40)}{2}$	= 7.79 Cum	
		2	30.00	0.45	$\frac{(0.40+0.30)}{2}$	= 9.45 Cum	
		2	30.00	0.45	$\frac{(0.30+0.45)}{2}$	= 10.13 Cum	
		2	30.00	0.45	$\frac{(0.45+0.40)}{2}$	= 11.48 Cum	
		2	18.80	0.45	$\frac{(0.40+0.40)}{2}$	= 6.77 Cum	
		2	30.00	0.45	$\frac{(0.40+0.30)}{2}$	= 9.45 Cum	
		2	30.00	0.45	$\frac{(0.30+0.35)}{2}$	= 8.78 Cum	

C&Fc

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	

epth 6	Contents 7	Reference to last Measurement 8
0.35)	= 12.60 cum	
2 0.45)	= 14.40 cum	
2 +0.40)	= 15.30 cum	
2 0.35)	= 9.36 cum	
2 +0.30)	= 9.45 cum	
2 + 0.35)	= 8.78 cum	
2 0.45)	= 10.80 cum	
2 +0.40)	= 7.19 cum	
2 +0.30)	= 9.45 cum	
2 30+0.45)	= 10.13 cum	
2 +0.40)	= 11.48 cum	
2 +0.40)	= 6.77 cum	
2 0.30)	= 9.45 cum	
2 +0.35)	= 8.78 cum	
2		

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 19

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		2	15.50	0.45	(0.35+0.40)/2	= 5.23 cum	
		2	30.00	0.45	(0.40+0.45)/2	= 11.48 cum	
		2	30.00	0.45	(0.45+0.40)/2	= 11.48 cum	
		2	15.50	0.45	(0.40+0.35)/2	= 5.23 cum	
		2	30.00	0.45	(0.35+0.45)/2	= 10.80 cum	
		2	30.00	0.45	(0.45+0.40)/2	= 11.48 cum	
		2	12.20	0.45	(0.40+0.30)/2	= 3.84 cum	
		2	30.00	0.45	(0.30+0.45)/2	= 10.13 cum	
		2	30.00	0.45	(0.45+0.40)/2	= 11.48 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	12.20	0.45 $\left(\frac{0.40+0.30}{2}\right)$		= 3.84 Cum	
		2	30.00	0.60 $\left(\frac{0.35+0.45}{2}\right)$		= 14.40 Cum	
		2	30.00	0.60 $\left(\frac{0.45+0.40}{2}\right)$		= 15.30 Cum	
		2	30.00	0.60 $\left(\frac{0.40+0.35}{2}\right)$		= 13.50 Cum	
		2	25.50	0.60 $\left(\frac{0.35+0.45}{2}\right)$		= 12.24 Cum	
		2	30.00	0.60 $\left(\frac{0.45+0.30}{2}\right)$		= 13.50 Cum	
		2	30.00	0.45 $\left(\frac{0.30+0.35}{2}\right)$		= 8.78 Cum	
		2	30.00	0.45 $\left(\frac{0.35+0.45}{2}\right)$		= 10.80 Cum	
		2	18.80	0.45 $\left(\frac{0.45+0.40}{2}\right)$		= 7.79 Cum	
		2	30.00	0.45 $\left(\frac{0.40+0.30}{2}\right)$		= 9.45 Cum	
		2	30.00	0.45 $\left(\frac{0.30+0.45}{2}\right)$		= 10.13 Cum	
		2	30.00	0.45 $\left(\frac{0.45+0.40}{2}\right)$		= 11.48 Cum	
		2	18.80	0.45 $\left(\frac{0.40+0.40}{2}\right)$		= 6.77 Cum	
		2	30.00	0.60 $\left(\frac{0.35+0.35}{2}\right)$		= 12.60 Cum	

C&Fc

M.A

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numbe
1	2	3
		2
		Qt
		@
(2)	Earth work in surface exca	
	lowering the ground mana	
	Culverts, road drains an	
	soil and left upto 1.5m	
	dressed, disposed earth to	
	Bush Clearing	6
		8

BOOK

ions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
0.45	(0.40+0.30)/2	= 3.84 Cum	
0.60	(0.35+0.45)/2	= 14.40 Cum	
0.60	(0.45+0.40)/2	= 15.30 Cum	
0.60	(0.40+0.35)/2	= 13.50 Cum	
0.60	(0.35+0.45)/2	= 12.24 Cum	
0.60	(0.45+0.30)/2	= 13.50 Cum	
0.45	(0.30+0.35)/2	= 8.78 Cum	
0.45	(0.35+0.45)/2	= 10.80 Cum	
0.45	(0.45+0.40)/2	= 7.19 Cum	
0.45	(0.40+0.30)/2	= 9.45 Cum	
0.45	(0.30+0.45)/2	= 10.13 Cum	
0.45	(0.45+0.40)/2	= 11.48 Cum	
0.45	(0.40+0.40)/2	= 6.77 Cum	
0.60	(0.35+0.35)/2	= 12.60 Cum	

C&Fc

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192666

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	35.20	0.60	(0.35+0.45)/2	= 16.90 Cum	
					Total	1563.97 Cum	
					Qty limited to Tender	= 1560.83 Cum	
					@ Rs 60.50	Rs 94430.00	
(2)	Earth work in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings Culverts, road drains and trenches of pipe line and cables) exceeding 30cm and left upto 1.5m excavated surface levelled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly						
	Bazar Cleaning	6	7.50	1.95	0.45	= 39.49 Cum	
		8	8.50	1.80	0.40	= 48.96 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		5	5.00	1.50	0.45 =	16.88 Cu.m	
		4	4.50	1.80	0.35 =	11.34 Cu.m	
		7	5.00	1.80	0.35 =	22.05 Cu.m	
		5	6.50	1.50	0.45 =	21.94 Cu.m	
		6	5.50	1.50	0.35 =	17.33 Cu.m	
		3	7.50	1.80	0.45 =	18.23 Cu.m	
		4	7.50	1.20	0.40 =	14.40 Cu.m	
		3	8.50	1.50	0.45 =	17.21 Cu.m	
		5	6.50	1.80	0.45 =	26.33 Cu.m	
		4	5.00	1.50	0.40 =	12.00 Cu.m	
		6	5.50	1.20	0.45 =	17.82 Cu.m	
		4	6.00	1.80	0.40 =	17.28 Cu.m	
		4	5.00	1.50	0.35 =	10.50 Cu.m	
		6	4.50	1.90	0.45 =	23.09 Cu.m	
		5	4.50	1.50	0.45 =	15.19 Cu.m	
		3	4.50	1.50	0.45 =	9.11 Cu.m	
		2	5.00	1.50	0.35 =	5.25 Cu.m	
		3	5.00	1.20	0.45 =	8.10 Cu.m	
		5	6.00	1.00	0.35 =	10.50 Cu.m	

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2

Depth 6	Contents 7	Reference to last Measurement 8
45 =	16.88 Cum	
35 =	11.34 Cum	
35 =	22.05 Cum	
45 =	21.94 Cum	
35 =	17.33 Cum	
45 =	18.23 Cum	
40 =	14.40 Cum	
45 =	17.21 Cum	
45 =	26.33 Cum	
40 =	12.00 Cum	
45 =	17.82 Cum	
40 =	17.28 Cum	
35 =	10.50 Cum	
45 =	23.09 Cum	
45 =	15.19 Cum	
45 =	9.11 Cum	
35 =	5.25 Cum	
45 =	8.10 Cum	
35 =	10.50 Cum	

CDFC

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192667

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		3	4.50	1.80	0.45 =	10.94 Cum	
		4	3.80	1.80	0.35 =	8.82 Cum	
		3	5.50	1.20	0.35 =	6.93 Cum	
		5	5.00	1.50	0.40 =	15.00 Cum	
		6	3.50	1.80	0.45 =	17.01 Cum	
		5	5.80	1.85	0.45 =	24.14 Cum	
		6	5.80	1.50	0.45 =	21.28 Cum	
		3	5.00	1.80	0.40 =	10.80 Cum	
		5	6.00	1.95	0.45 =	26.33 Cum	
		6	5.00	1.80	0.40 =	21.60 Cum	
		6	5.60	1.50	0.45 =	22.68 Cum	
		5	4.50	1.80	0.35 =	14.18 Cum	
		5	5.20	1.80	0.35 =	16.38 Cum	
		6	6.80	1.50	0.45 =	27.54 Cum	

CDFC

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		7	3.50	1.50	0.35 =	12.86 Cum	
		4	5.00	1.60	0.45 =	14.40 Cum	
		8	5.00	1.50	0.45 =	27.00 Cum	
		7	5.00	1.90	0.45 =	29.93 Cum	
		5	7.50	1.50	0.35 =	19.69 Cum	
		3	9.50	2.50	0.45 =	32.06 Cum	
		3	8.50	2.00	0.45 =	22.95 Cum	
		4	6.50	1.50	0.45 =	17.55 Cum	
		5	4.50	1.50	0.35 =	11.81 Cum	
		5	7.80	2.50	0.45 =	43.88 Cum	
		4	8.40	3.00	0.35 =	35.28 Cum	
		3	5.50	2.50	0.40 =	16.50 Cum	
		5	6.40	2.00	0.45 =	28.80 Cum	
		5	7.40	1.80	0.35 =	23.31 Cum	
		3	8.20	1.20	0.35 =	10.33 Cum	
		4	9.20	1.50	0.40 =	22.08 Cum	
		4	9.30	1.80	0.45 =	30.13 Cum	
		5	9.00	1.85	0.45 =	37.46 Cum	
		4	8.00	1.50	0.45 =	21.60 Cum	

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2

epth 6	Contents 7	Reference to last Measurement 8
35 =	12.86 Cum	
45 =	14.40 Cum	
45 =	27.00 Cum	
45 =	29.93 Cum	
35 =	19.69 Cum	
45 =	32.06 Cum	
45 =	22.95 Cum	
45 =	17.55 Cum	
35 =	11.81 Cum	
45 =	43.88 Cum	
35 =	35.28 Cum	
40 =	16.50 Cum	
45 =	28.80 Cum	
35 =	23.31 Cum	
35 =	10.33 Cum	
40 =	22.08 Cum	
45 =	30.13 Cum	
45 =	37.46 Cum	
45 =	26.60 Cum	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192668

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		5	6.50	1.50	0.35 =	17.00 Cum	
		4	6.00	1.80	0.45 =	19.44 Cum	
		5	7.00	1.75	0.40 =	24.50 Cum	
		6	4.50	1.45	0.45 =	17.82 Cum	
		5	4.50	1.90	0.35 =	14.96 Cum	
		4	5.00	1.95	0.40 =	15.60 Cum	
		5	5.50	1.75	0.45 =	21.66 Cum	
		6	5.50	1.20	0.45 =	17.82 Cum	
		8	4.50	1.80	0.40 =	25.92 Cum	
		5	5.50	1.70	0.45 =	21.04 Cum	
		6	4.50	1.60	0.35 =	15.12 Cum	
		4	3.50	1.80	0.35 =	8.82 Cum	
		3	4.00	1.90	0.35 =	7.98 Cum	
		5	3.00	1.80	0.45 =	12.15 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		6	5.00	1.80	0.35 =	18.90 cum	
		4	3.80	1.70	0.45 =	10.71 cum	
		5	3.50	1.85	0.35 =	11.33 cum	
		4	2.80	1.80	0.45 =	8.10 cum	
		5	2.80	1.60	0.45 =	10.44 cum	
		5	3.50	1.80	0.35 =	11.03 cum	
		5	2.50	1.50	0.45 =	8.44 cum	
		6	3.80	1.45	0.45 =	13.70 cum	
		6	6.00	1.50	0.40 =	21.60 cum	
		4	7.00	1.80	0.45 =	22.68 cum	
		4	5.50	1.70	0.45 =	16.83 cum	
		6	7.50	1.90	0.35 =	29.93 cum	
		4	7.50	1.65	0.40 =	19.80 cum	
		6	5.50	1.50	0.45 =	22.28 cum	
		5	4.50	1.50	0.40 =	13.50 cum	
		4	3.50	1.65	0.40 =	9.24 cum	
		5	3.80	1.80	0.40 =	12.00 cum	
		6	3.50	1.80	0.35 =	13.23 cum	
		5	4.80	1.20	0.30 =	8.64 cum	
		5	3.50	1.80	0.35 =	11.03 cum	

C&F

Serial No.....

Name of work.....

Name of Contractor of nature of Agency

Date of commencement of work.....

Date	Full description, etc, of work
1	2

Depth 6	Contents 7	Reference to last Measurement 8
0.35 =	18.90 Cum	
0.45 =	10.71 Cum	
0.35 =	11.33 Cum	
0.45 =	8.10 Cum	
0.45 =	10.44 Cum	
0.35 =	11.03 Cum	
0.45 =	8.44 Cum	
0.45 =	13.70 Cum	
0.40 =	21.60 Cum	
0.45 =	22.68 Cum	
0.45 =	16.83 Cum	
0.35 =	29.93 Cum	
0.40 =	19.80 Cum	
0.45 =	22.28 Cum	
0.40 =	13.50 Cum	
0.40 =	9.24 Cum	
0.40 =	12.80 Cum	
0.35 =	13.23 Cum	
0.30 =	8.64 Cum	
0.35 =	11.03 Cum	

C&FC

M.A.R. 57 (Rule

Measurement Bo

No. A/10 192669

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		4	9.30	1.80	0.45 =	30.13 Cum	
		5	9.00	1.85	0.45 =	37.46 Cum	
		4	3.50	1.70	0.45 =	10.71 Cum	
		5	3.50	1.85	0.35 =	11.33 Cum	
		6	4.50	1.60	0.35 =	15.12 Cum	
		5	5.50	1.70	0.45 =	21.04 Cum	
		3	8.50	2.50	0.45 =	28.69 Cum	
		1					
					Total =	1596.25 Cum	
					Qty limited to Tender =	1592.40 Cum	
					@ Rs 116.50	C&FC	Rs 185515.00

31/5/2014.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(3) Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading etc						
	~~5180.10 =00~~ Qty vide Item No 4.2 =					3153.23 Cum	
	~~5849.8 =00~~ @ RS 75.50					RS 238069.00	
	~~459512 =00~~					Total RS	518014.00
	Krishnafoods.kk ಲೆಕ್ಕಾಧೀಕ್ಷಕರು					C&T-C Zadhav AE 31/5/2014.	
	~~Certificate;~~				30/11/15	31/5/14	
	IT - 5180 — certified that the above work done is satisfactory						
	KST - 20720 and no materials is issued from departmentally						
	Cess - 25900 — Zadhav						
	CST - 5180 — AE 31/5/2014					31/5/14	
	Fine - 518 —						
	1000						
	Total — 5849.8 =00						

First & Final Bill

Serial No.....

Name of work..... Filling of Pot holes in

Name of Contractor of nature of Ag

Date of commencement of work....

Date	Full description, etc, of work
1	2
	Work order No:- E
	Work code No:- 0
	Head of Account :-
	Address of Agency